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**Beck et al.**

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(54) **MULTI-SPEED TRANSMISSION IN PLANETARY DESIGN**

(58) **Field of Classification Search**

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(57) **ABSTRACT**

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A multi-speed transmission in planetary design with a housing is proposed. A first shaft (1) is provided as a drive (AN) and a second shaft (2) is provided as an output (Ab) arranged axially parallel to the drive. Three planetary gear sets (RS1, RS2, RS3) and additional shafts (3-9) along with six shifting elements (K1, K2, K3, K4, B1, B2) are provided for the actuation of several gears. Machine elements (ST1, ST2) are provided for the transfer of torque between the drive (AN) and the output (Ab). The first shaft (1) is connectable or connected, as a drive, to a sun gear (SR1) of the first planetary gear set (RS1), to the sun gear (SR3) of the third planetary gear set (RS3), and to the planetary gear carrier (PT2) of the second planetary gear set (RS2). The second shaft (2), as an output shaft (Ab), is connectable or con-

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